Index of Claims

09/973,773 Examiner Applicant(s)/Patent under Reexamination

YUN, HWA YOUNG

Art Unit

Chris Parry

2623

| <b>√</b> | Rejected |
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| 11       | Allowed  |

| <u> </u> | (Through numeral)<br>Cancelled |
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Restricted

| Z | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
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| Claim Date        |  |  |        | Claim Date     |                 |        |  |          |   |  | Claim Date     |          |   |          |          |          |     |  |            |           |          |   |                |          |          |           |          |          |
|-------------------|--|--|--------|----------------|-----------------|--------|--|----------|---|--|----------------|----------|---|----------|----------|----------|-----|--|------------|-----------|----------|---|----------------|----------|----------|-----------|----------|----------|
|                   |  |  |        |                |                 |        |  |          |   | 1  | -015           | Date     |   |          |          |          |     |  |            |           |          |   |                |          |          |           |          |          |
| Final<br>Original | 11/1/05  |  |        |                |                 |        | Final  | Original | ,   |  |                | :        |   |          |          |          |     | Final  | Original   |           |          |   |                |          |          |           |          |          |
| 1                 | 1 1  |  |        |                |                 |        |  | 5        |   |  |                | _        | 4   | _        | ╄        | Ш        |     |  |            |           | _        |   |                | _        |          | _         | _        | _        |
|                   |  | _  |        | <del>  </del>  |                 | _      | l ——   |          |   | $\vdash$   | $\dashv$       | +        | +   | +        | +        | Н        |     | $\vdash$   | 101        | $\dashv$  |          |   | $\blacksquare$ | -        |          |           |          |          |
| 2                 | 1 1  | -  | -      | $\vdash$       |                 | -      | <b>├</b>                                     | 52       |   | $\vdash$   | $\dashv$       | $\dashv$ | +   | +        | ╀        | Н        |     | <b></b>  | 102        | $\dashv$  | -        | _ |                | $\dashv$ |          | -         | _        | $\dashv$ |
| 3                 | 1 1  | $\vdash$   | +      | $\sqcup$       |                 |        | l  | 53       |   |  | $\dashv$       | 4        | -   | +        | ╄-       | $\vdash$ |     | <del>                                     </del> | 103        |           |          |   |                |          | -        | $\dashv$  | _        |          |
| 4                 | 1 1  | $\vdash$   | -      | $\vdash$       |                 | _      | l  | 54       |   | $\vdash$   | _              | 4        | _   | +        | ╄        | Ш        | 1   |  | 104        |           | _        |   |                | -        |          | _         | _        | _        |
| 5                 | 1 1  |  |        |                |                 |        | l  | 55       |   |  |                | -        |   | - -      | ╁—       |          |     |  | 105        | $\dashv$  |          | _ | _              | _        |          | _         | _        | _        |
| 6                 | 1 1  | $\vdash$   |        |                | -               |        | l  | 56       | -   |  | -              | _        | _   | -        |          | $\vdash$ | - 1 |  | 106        | $\vdash$  | _        |   |                | _        |          | _         | _        |          |
| 7                 | 11   | $\vdash$   | _      | $\sqcup$       | $\dashv$        |        | l  | 57       |   | $\vdash$   | $\dashv$       | 4        | +   | +        | ╄        | Ш        | -   | $\vdash$   | 107        |           | -        |   |                |          |          |           |          | _        |
| 8                 | 1 1  |  |        | $\vdash$       | $\dashv$        |        | <b>∤</b>                                     | 58       |   | H  | $\dashv$       | _        | _   |          | $\vdash$ | Ш        | - 1 |  | 108        |           |          |   |                |          | $\dashv$ | $\dashv$  | _        | _        |
| 9                 | 111  | $\vdash$   | -      |                | $\dashv$        |        | <b>│</b>                                     | 59       |   | $\vdash$   | $\dashv$       | _        | +   | +        | +        | Ш        | - 1 |  | 109        | $\dashv$  |          | _ |                | _        | _        |           |          | 4        |
| 10                | 1 1  | -  | -      |                | $\dashv$        |        |  | 60       |   | <del>                                     </del> |                |          |   |          | +-       | $\vdash$ | -   | <del>  </del>                                    | 110        |           |          |   | $\vdash$       | -        | $\dashv$ | -         | $\dashv$ |          |
| 11                | 1 1  |  |        |                | -               |        |  | 62       |   |  | -              |          | -   | -        | ┤        | $\vdash$ | -   |  | 111<br>112 |           |          |   |                | $\dashv$ | $\dashv$ | -         | $\dashv$ | 4        |
| 13                | 7 7  | $\vdash\vdash$                                   | -      | -              |                 |        | <b> </b>                                     | 63       |   | $\vdash$   |                | +        | +   | +        | ╁        | $\vdash$ | }   |  | 113        | -         | -        |   |                | $\dashv$ |          | $\dashv$  |          |          |
| 13                | 1 1  | $\vdash$   | +-     | $\vdash$       |                 | +-     | <b>│</b>                                     | 64       |   |  |                | -+       | +   | +        | +        | $\vdash$ | }   |  | 114        | -         |          |   |                | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$ |
| 15                | 111  | <del>                                     </del> | +      | $\vdash$       | $\vdash$        | +-     | l  | 65       |   | $\vdash$   | $\dashv$       | +        | $\dashv$  | +-       | +        | $\vdash$ | ŀ   | $\vdash\vdash\vdash$                             | 115        | $\dashv$  | -        |   | $\vdash$       | -        | $\vdash$ | $\dashv$  | $\dashv$ | -        |
| 16                | 111  | $\vdash$   | +-     | <del>   </del> | -               | +      | l  | 66       |   | $\vdash$   | +              | $\dashv$ | +   | +-       | ╁        | $\vdash$ | ŀ   | $\vdash \vdash \vdash$                           | 116        | -         | $\dashv$ | - |                | $\dashv$ | $\vdash$ | $\dashv$  | -        | $\dashv$ |
| 17                | 111  | $\vdash$   | 1      | $\vdash$       | $\dashv$        | +      | <b> </b>                                     | 67       |   | $\vdash$   | -              | +        | +   | +        | +        | $\vdash$ | }   | $\vdash \vdash$                                  | 117        | $\dashv$  | $\dashv$ |   |                |          | $\vdash$ |           |          | ᅴ        |
| 18                | 111  |  | +      | $\vdash$       | $\vdash$        | +      |  | 68       |   | ╁  | +              | $\dashv$ | $\dashv$  | +        | +        | Н        | ŀ   | $\vdash$   | 118        | $\dashv$  | $\dashv$ |   |                | $\dashv$ | -        | -         | $\dashv$ | -        |
| 19                | 111  |  | +      | $\vdash$       |                 |        |  | 69       |   | H  | +              | $\dashv$ | +   | +        | ╁        | Н        | ŀ   |  | 119        | $\dashv$  | $\dashv$ | _ |                | $\dashv$ | -        | -1        | $\dashv$ | $\neg$   |
| 20                | 111  |  | +      | $\vdash$       | $\dashv$        | _      |  | 70       |   | $\vdash$   | $\dashv$       | $\dashv$ | +   | +        | +        | Н        | ŀ   | $\vdash$   | 120        | $\dashv$  |          | - |                | $\neg$   | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |
| 21                | 111  |  | -      | +              |                 |        | ▎├   | 7        |   | H  | <del>- 1</del> | 十        | 1   | +        | 1        | H        | ŀ   |  | 121        |           |          |   |                | -        | $\dashv$ | -         | $\dashv$ | =        |
| 22                | <del>                                     </del> |  | +      | H              |                 | _      |  | 72       |   | H  | $\dashv$       | $\dashv$ | $\dashv$  | +        | +        | Н        | ı   |  | 122        | $\dashv$  | $\dashv$ | - |                |          |          | -         |          | -        |
| 23                | 1  | -  |        |                |                 |        |  | 73       |   | 1  | -              | $\dashv$ |   | -        | +        | $\vdash$ | ı   |  | 123        | $\dashv$  | -        |   |                | $\neg$   |          | $\exists$ | $\dashv$ |          |
| 24                | 1-1-   |  |        | $\Box$         |                 |        |  | 74       |   |  | -              | 7        |   |          |          | $\vdash$ |     |  | 124        | $\dashv$  |          |   | $\dashv$       | $\neg$   |          | $\dashv$  | 一        |          |
| 25                | 111  |  | +      | H              |                 |        |  | 75       |   | Н  | -              | 十        | 7   | _        | $\top$   | $\vdash$ |     |  | 125        | $\neg$    |          |   |                |          |          |           | T        |          |
| 26                |  |  | 1      | H              |                 |        |  | 76       |   | П  |                | $\dashv$ | 1   | $\top$   | T        | Н        | ı   |  | 126        | $\neg$    | $\dashv$ |   |                |          | $\neg$   |           |          |          |
| 27                | 1 1  |  | 1      | Ħ              | ı               |        |  | 7        |   | Ħ  |                | T        |   | $\top$   | T        | П        | 1   |  | 127        |           |          |   |                |          |          |           | 7        | _        |
| 28                | 1  |  |        |                |                 |        |  | 78       |   | Ħ  |                | T        |   | $\top$   | T        | П        |     |  | 128        |           | T        |   |                |          |          |           | $\neg$   |          |
| 29                |  |  |        |                |                 |        |  | 79       |   |  | _              | $\neg$   | _   | $\dashv$ | T        | П        | Ì   |  | 129        |           | $\neg$   |   |                |          |          |           | T        |          |
| 30                |  |  |        |                |                 |        |  | 80       |   | ĦΪ   | _              |          | _   | $\top$   | †        | $\Box$   | ı   |  | 130        |           | $\dashv$ |   |                |          |          |           | T        |          |
| 31                |  |  |        |                |                 |        |  | 8        |   |  |                |          | _   | _        | 1        |          | ı   |  | 131        |           | $\neg$   |   |                |          |          |           |          |          |
| 32                |  |  |        |                |                 |        |  | 82       | ?   | П  |                | $\neg$   | T   | $\top$   | 1        | П        |     |  | 132        |           | $\neg$   |   |                |          |          | $\neg$    | $\neg$   |          |
| 33                |  |  |        |                |                 |        |  | 83       | 3   |  |                |          |   |          |          | П        | - 1 |  | 133        |           |          |   |                |          |          | $\neg$    | $\neg$   |          |
| 34                |  |  |        |                |                 |        |  | 84       |   |  |                |          |   |          |          |          |     |  | 134        |           |          |   |                |          |          |           |          |          |
| 35                |  |  |        |                |                 |        |  | 85       |   |  |                |          | $\Box$  |          |          |          | - 1 |  | 135        |           |          |   |                |          |          |           |          |          |
| 36                |  |  |        |                |                 |        |  | 86       |   |  |                |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |          |          |     |  | 136        |           |          |   |                |          |          |           |          |          |
| 37                |  |  |        |                |                 |        |  | 87       |   |  |                | $\Box$   | $oldsymbol{\perp}$                                |          |          |          |     |  | 137        |           |          |   |                |          |          |           |          |          |
| 38                |  | $\Box \Box$                                      |        |                |                 |        |  | 88       |   |  |                | $\Box$   | $oxed{oxed}$                                      |          |          | $\Box$   |     |  | 138        |           |          |   |                |          |          |           |          |          |
| 39                |  |  |        |                |                 |        |  | 89       |   | oxdot  | $\prod$        | $\Box$   | $\perp$   |          |          |          |     |  | 139        |           |          |   |                |          |          |           |          |          |
| 40                |  |  |        | $oxed{oxed}$   |                 |        | l L  | 90       |   | Ш  | _[             | $\perp$  | $\perp$   | $\perp$  |          | Ш        |     | ]  | 140        |           | [        |   | L              |          | $\Box$   |           | [        | _]       |
| 41                |  | $\sqcup \bot$                                    |        | Ш              |                 | $\bot$ | l  | 9        |   | Ш  |                |          | $\perp$   | $\perp$  |          | Ш        |     |  | 141        | $\Box$    |          |   |                |          | Ш        |           | _        | _]       |
| 42                |  | $\sqcup \!\!\! \perp$                            | $\bot$ | Ш              |                 |        |  | 92       |   | Ш  |                | _[       | $\perp$   | $\perp$  | _        | Ш        |     | Щ  | 142        | Ш         |          |   |                |          | Ш        |           |          |          |
| 43                | <del>       </del>                               | $\sqcup \!\!\! \perp$                            | -      |                |                 |        |  | 93       | 1   | $\sqcup$   | $\perp$        | $\perp$  |   | 4        | 1_       | $\sqcup$ |     | Щ  | 143        | $\square$ |          |   |                |          | Ш        |           | _        |          |
| 44                | <b>┼-</b>  |  |        | Ш              |                 | $\bot$ | l  | 94       |   | $\sqcup$   | _              | $\dashv$ |   | 4        | ┦        | Ш        |     | $\sqcup \sqcup$                                  | 144        | $\square$ | _        |   | L              |          | Щ        |           |          |          |
| 45                | +-   | $\sqcup \!\!\! \perp$                            | -      | _              |                 |        |  | 9:       |   | $\sqcup$   |                | _        | $\perp$   | $\perp$  | $\perp$  | Ш        |     | igsqcut  | 145        | $\Box$    | _        |   |                |          | Ш        |           | _        |          |
| 46                | <del>                                     </del> | -  | —      | $\sqcup$       | $\sqcup$        | $\bot$ |  | 96       |   | $\sqcup$   | $\dashv$       | _        | $\dashv$  | 4        | ╀_       | $\sqcup$ |     | Ш  | 146        | $\square$ |          |   |                |          | Щ        |           | _ļ       | _        |
| 47                | +  | $\vdash \vdash$                                  | -      | $\sqcup$       | $\square$       |        |  | 97       |   | $\sqcup$   | $\dashv$       | _        | 4   | - -      | ↓_       | $\sqcup$ |     | $oxed{oxed}$                                     | 147        | $\square$ |          |   |                |          | Щ        | $\sqcup$  | _        |          |
| 48                | +  | $\vdash \vdash$                                  | +      | $\sqcup$       | Щ               | -      | <b>I                                    </b> | 98       | <u> </u>                                      | $\vdash \dashv$                                  | $\dashv$       | -        | _   | - -      | +        | Н        |     | $\sqcup$   | 148        | $\square$ | _        |   | Ш              |          | Щ        | $\sqcup$  |          | _        |
| 49                | +  | $\vdash \vdash$                                  | +-     |                | $\vdash \vdash$ |        | <b>│                                    </b> | 99       | <u>'                                     </u> | <del> </del> -                                   |                | -        | $\dashv$  | +        | +-       | $\vdash$ |     | $\vdash$   | 149        | $\sqcup$  | _        |   | $\vdash$       |          | L.       | _         |          | _        |
| 50                |  |  |        |                | لنـــا          |        | J L  | 10       | υj  | Щ  |                |          |   |          | <u> </u> | Ш        |     |  | 150        | Ш         |          |   | L              | لــــا   | لسا      |           |          |          |